

IN THE CLAIMS:

Please CANCEL claim 5 without prejudice or disclaimer. Please AMEND the claims in accordance with the following:

1. (CURRENTLY AMENDED) A service provision system comprising a common platform as an interface function with a client and an object network for communicating through the platform and providing a service intentionally requested by the client, said object network further comprising:

a hierarchical structure, comprising:

a data model in which an attribute structure of the object network is determined as a template;

an object model that is positioned higher in rank than the data model and has a matching constraint on security;

a role model that is positioned higher in rank than the object model and expresses a content of a process to be performed in an environment as an aggregate of a plurality of object models; ~~and~~

a process model that is positioned highest in rank and defines a dynamic process to be cooperatively performed by a plurality of role models as one process; ~~and~~

a security matching constraint check unit ensuring security of a system by checking a security constraint attached to the template, wherein

said object model further comprises,

a format model which expresses patterns of both a noun object and a verb object as objects in formats,

a feature model, which expresses a feature of an object, based on an attribute value of the object and to which a constraint is attached based on an environment,

an object network model with a graphic structure having a name of the noun object and a name of the verb object as a node and a branch, respectively, and

a cell in which the security matching constraint for indicating a relationship in a system between the format model and feature model in a template corresponding to the format and feature models is described, wherein

said security matching constraint check unit ensures a security of a system by checking the matching constraint described in the cell.

2. (ORIGINAL) The service provision system according to claim 1, wherein the security matching constraint check unit checks access to a system that does not provide sufficient data to authenticate intension of an appropriate execution process.

3. (ORIGINAL) The service provision system according to claim 1, wherein the communications of a system is implemented by a communications role function corresponding to the role model, and said security matching constraint check unit further comprises gate means for checking attribute structure data of the communications medium with a security constraint in a role model corresponding to the communications role function.

4. (ORIGINAL) The service provision system according to claim 1, wherein when a service intentionally requested by the client is provided, said security matching constraint check unit checks an access right to a system of a person concerned related to the intention.

5. (CANCELED)

6. (ORIGINAL) The service provision system according to claim 1, further comprising sentence structure analyzing means for improving visibility for a client by analyzing a sentence structure of the object and displaying a sentence structure obtained by the analysis on said common platform in order to sustain a security of a system.

7. (ORIGINAL) The service provision system according to claim 1, further comprising integration processing means for improving efficiency of an entire process of a system using a security matching constraint attached to the template when a process to be cooperatively performed by the plurality of role models.

8. (CURRENTLY AMENDED) The service provision system according to claim 1, further comprising conflicting operation modeling means for generating ~~based on the security matching constraint~~ a model against a conflicting operation that has the possibility of executing a malicious service against a client~~person concerned~~ receiving a service from the service provision system as a result, wherein

said conflicting operation modeling means is based on said security matching constraint, and

said security matching constraint check unit checks the conflicting operation using the model.

9. (ORIGINAL) The service provision system according to claim 8, wherein said conflicting operation-modeling means describes the matching constraint based on a relationship between a specific word and a specific operation.

10. (CURRENTLY AMENDED) The service provision system for executing a service using a watermark~~waterwork~~ pattern according to claim 1, wherein

said matching constraint check unit judges a target pattern using a matching constraint, wherein the matching constraint includes~~ing~~ location information of a watermark pattern embedded in~~between an original pattern in which a waterwork pattern is embedded and thea reproduction watermark~~waterwork pattern.

11. (ORIGINAL) The service provision system according to claim 1, which restricts communications services,
conducts event drive as communications intention of an operating person concerned,
authenticates a communications system,
confirms occurrence of a communication event based on a security matching constraint,
requests a service as communications business, if data are matched,
authenticates a communications attribute structure and confirms the service request based on a security matching constraint of a communications content structure, and
requests the communications service when data of a communications operation are matched.

12. (ORIGINAL) The service provision system according to claim 11, which issues a data non-matching message if data are not matched when the data are checked based on both the occurrence of a communications event and the security constraint, and
issues a data non-matching message if data are not matched when the data are checked based on the security matching constraint of a communications content structure.

13. (CURRENTLY AMENDED) An object network system, comprising:

a hierarchical structure, comprising:

a data model in which an attribute structure of the object network is set as a template;

an object model that is positioned higher in rank than the data model and has a unit setting a security matching constraint in each object; and

a unit checking the security matching constraint; wherein

the object model further comprises:

a format model which expresses patterns of both a noun object and a verb object as formatted objects,

a feature model, which expresses a feature of an object, based on an attribute value of the object and to which a constraint is attached based on an environment,

an object network model with a graphic structure having a name of the noun object and a name of the verb object as a node and a branch, respectively, and

a cell in which the security matching constraint having a means for indicating a relationship in a system between the format model and feature model in a template corresponding to the format and feature models is described, wherein

said security matching constraint check means for ensuring security of a system by checking the matching constraint described in the cell.

14. (CURRENTLY AMENDED) A service provision system comprising a common platform as an interface function with a client and an object network for communicating through the platform and providing a service intentionally requested by the client, said object network further comprising:

a hierarchical structure, comprising:

a data model in which an attribute structure of the object network is determined as a template;

an object model that is positioned higher in rank than the data model and has a matching constraint on security;

a role model that is positioned higher in rank than the object model and expresses a content of a process to be performed in an environment as an aggregate of a plurality of object models; and

a process model that is positioned highest in rank and defines a dynamic

process to be cooperatively performed by a plurality of role models as one process; and

a security matching constraint check means for ensuring security of a system by checking a security constraint attached to the template, wherein-

said object model further comprises,

a format model which expresses patterns of both a noun object and a verb object as objects in formats,

a feature model, which expresses a feature of an object, based on an attribute value of the object and to which a constraint is attached based on an environment,

an object network model with a graphic structure having a name of the noun object and a name of the verb object as a node and a branch, respectively, and

a cell in which the security matching constraint having a means for indicating a relationship in a system between the format model and feature model in a template corresponding to the format and feature models is described, wherein

said security matching constraint check means for ensuring security of a system by checking the matching constraint described in the cell.

15. (CURRENTLY AMENDED) An object network system, comprising:

a hierarchical structure, comprising:

a data model in which an attribute structure of the object network is set as a template;

an object model that is positioned higher in rank than the data model and has means for setting a security matching constraint in each object; and

means for checking the security matching constraint; wherein

the object model further comprises:

a format model which expresses patterns of both a noun object and a verb object as formatted objects,

a feature model, which expresses a feature of an object, based on an attribute value of the object and to which a constraint is attached based on an environment,

an object network model with a graphic structure having a name of the noun object and a name of the verb object as a node and a branch, respectively, and

a cell in which the security matching constraint having a means for indicating a relationship in a system between the format model and feature model in a template corresponding to the format and feature models is described, wherein
said means for setting the security matching constraint for ensuring security of a system by checking the matching constraint described in the cell.